

# INTERNATIONAL SEARCH REPORT

International Application No PCT/GB 85/00347

## I. CLASSIFICATION OF SUBJECT MATTER (if several classification symbols apply, indicate all) \*

According to International Patent Classification (IPC) or to both National Classification and IPC  
 4 B 21 D 28/06; B 23 D 19/06; B 21 D 43/02; B 21 D 43/11;  
 IPC: B 65 H 23/188

## II. FIELDS SEARCHED

### Minimum Documentation Searched \*

Classification System	Classification Symbols	
IPC <sup>4</sup>	B 21 D	B 26 D
	B 21 H	B 41 F
	B 23 D	B 65 H

Documentation Searched other than Minimum Documentation  
 to the extent that such Documents are included in the Fields Searched \*

## III. DOCUMENTS CONSIDERED TO BE RELEVANT \*

Category *	Citation of Document, ** with indication, where appropriate, of the relevant passages **	Relevant to Claim No. **
X	DE, A, 3127298 (VEB INGENIEURBETRIEB FÜR RATIONALISIERUNG) 16 June 1982, see page 6, line 18 - page 7, line 25; figures	1,3
A	--	2,7,8,10,12
A	US, A, 3388582 (WESSTROM et al.) 18 June 1968, see column 2, lines 10-72; figures 1-4,6	1-3,5,6,10,12
A	US, A, 1433138 (KRUSE) 24 October 1922, see page 1, line 55 - page 2, line 75; figures 1-4	1-3,6,10,12
A	US, A, 3107566 (ARCHER) 22 October 1963, see the whole document	1,2,5
A	US, A, 3100439 (LEACH) 13 August 1963, see column 2, line 33 - column 4, line 65; figures 1,2	1,6,8,10,11
A	US, A, 2765165 (JOHNSON) 2 October 1956, see claims; figures 1,3	1,6,8,10,11

\* Special categories of cited documents: \*\*

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"Z" document member of the same patent family

## IV. CERTIFICATION

Date of the Actual Completion of the International Search

16th December 1985

Date of Mailing of this International Search Report

20 JAN. 1986

International Searching Authority

EUROPEAN PATENT OFFICE

Signature of Authorized Officer

G.L.M. Hildebrand

III. DOCUMENTS CONSIDERED TO BE RELEVANT (CONTINUED FROM THE SECOND SHEET)		
Category *	Citation of Document, with indication, where appropriate, of the relevant passages	Relevant to Claim No
A	DE, C, 876641 (VOIGT & HAEFFNER) 15 May 1953, see the whole document ---	4
A	DE, A, 2711117 (KARGES-HAMMER) 21 September 1978 ---	
A	GB, A, 1367107 (MOON BROTHERS) 18 September 1974 ---	
X	DE, A, 1800978 (LANDERT-MOTOREN AG) 8 May 1969, see pages 2-6; figures 1,3-5 ---	13,15,16 22
A	---	
Y	DE, C, 934467 (DEMAG) 27 October 1955, see the whole document ---	13-16 18,22
A	---	
Y	GB, A, 1091982 (ASSOCIATED ELECTRICAL IND.) 22 November 1967, see page 1, line 44 - page 3, line 6; figures 1-5 ---	13-16
A	FR, A, 325760 (BLISS) 7 May 1903, see page 2, lines 50-53; page 7, lines 50-86; figures 1,2,8 ---	13,15,16, 18
A	FR, A, 2228554 (BLISS) 6 December 1974, see page 6, line 9 - page 12, line 16; figures ---	13,16
A	FR, A, 2471231 (WEINGARTEN) 19 June 1981, see pages 5,6; figures ---	13,16
A	DE, A, 2305875 (RETTICH) 8 August 1974, see page 9, lines 4-23; figure 5 ---	17
A	US, A, 2103264 (LORIG) 28 December 1937, see the whole document ---	17
A	DE, C, 619243 (MÜLLER) 25 September 1935, see page 1, line 55 - page 2, line 26; figures 1-3 ---	18,19,20
A	US, A, 1932036 (GIBSON) 24 October 1933, see page 1, line 79 - page 2, line 13; figures 5,6 ---	21
A	FR, A, 2237698 (IWK PRESSEN) 14 February 1975 -----	

## FURTHER INFORMATION CONTINUED FROM THE SECOND SHEET

V. ☐ OBSERVATIONS WHERE CERTAIN CLAIMS WERE FOUND UNSEARCHABLE :

This International search report has not been established in respect of certain claims under Article 17(2) (a) for the following reasons:

1. ☐ Claim numbers ..... because they relate to subject matter not required to be searched by this Authority, namely:

2. ☐ Claim numbers ..... because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:

3. ☐ Claim numbers ..... because they are dependant claims and are not drafted in accordance with the second and third sentences of PCT Rule 6.4(a).

VI. ☒ OBSERVATIONS WHERE UNITY OF INVENTION IS LACKING :

This International Searching Authority found multiple inventions in this international application as follows:

- Claims 1-12 :Cutting components from continuous metal strip including effecting wavelength adjustment of the strip

- Claims 13-22 :Feeding a press tool having a plurality of pressing positions by advancing the strip stepwise and indexing it sideways

1. ☒ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims of the international application.

2. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims of the international application for which fees were paid, specifically claims:

3. ☐ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claim numbers:

4. ☐ As all searchable claims could be searched without effort justifying an additional fee, the International Searching Authority did not invite payment of any additional fee.

## Remark on Protest

☐ The additional search fees were accompanied by applicant's protest.

☒ No protest accompanied the payment of additional search fees.

# ANNEX TO THE INTERNATIONAL SEARCH REPORT ON

INTERNATIONAL APPLICATION NO. PCT/GB 85/00347 (SA 10328)

This Annex lists the patent family members relating to the patent documents cited in the above-mentioned international search report. The members are as contained in the European Patent Office EDP file on 14/01/86

The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
DE-A- 3127298	16/06/82	None	
US-A- 3388582		None	
US-A- 1433138		None	
US-A- 3107566		None	
US-A- 3100439		None	
US-A- 2765165		None	
DE-C- 876641		None	
DE-A- 2711117	21/09/78	None	
GB-A- 1367107	18/09/74	None	
DE-A- 1800978	08/05/69	CH-A- 482497	15/12/69
DE-C- 934467		None	
GB-A- 1091982		None	
FR-A- 325760		None	
FR-A- 2228554	06/12/74	US-A- 3880034	29/04/75
FR-A- 2471231	19/06/81	SE-A- 8008726	13/06/81
DE-A- 2305875	08/08/74	None	
US-A- 2103264		None	
DE-C- 619243		None	
US-A- 1932036		None	
FR-A- 2237698	14/02/75	DE-A,B 2336534	06/02/75
		GB-A- 1483757	24/08/77

For more details about this annex :  
see Official Journal of the European Patent Office, No. 12/82

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